

Monday, August 02, 2021

Attn: Mr. Keith Gammell Barnhardt Mfg. Co. 247 Main Rd P.O. Box 3 Colrain, MA 01340

Project ID: NPDES BI-MONTHLY JULY 2021

SDG ID: GCI78837 Sample ID#s: CI78837

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301

CT Lab Registration #PH-0618 MA Lab Registration #M-CT007

ME Lab Registration #CT-007

NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003

NY Lab Registration #11301

PA Lab Registration #68-03530

RI Lab Registration #63

UT Lab Registration #CT00007

VT Lab Registration #VT11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

August 02, 2021

SDG I.D.: GCI78837

Project ID: NPDES BI-MONTHLY JULY 2021

Client Id	Lab Id	Matrix
EFFLUENT	CI78837	WASTE WATER



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Analysis Report

August 02, 2021

FOR: Attn: Mr. Keith Gammell

Barnhardt Mfg. Co.

247 Main Rd P.O. Box 3

Colrain, MA 01340

Sample InformationCustody InformationDateTimeMatrix:WASTE WATERCollected by:07/21/217:00Location Code:BARNHARDReceived by:CP07/21/2116:43

Rush Request: Standard Analyzed by: see "By" below

P.O.#: G12043

<u>Laboratory Data</u> SDG ID: GCI78837

Phoenix ID: CI78837

Project ID: NPDES BI-MONTHLY JULY 2021

Client ID: EFFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Ammonia as Nitrogen	0.20	0.10	mg/L	2	07/30/21	KDB	E350.1
Nitrite-N	0.017	0.010	mg/L	1	07/21/21 23:11	AP	E353.2
Nitrate-N	16.2	0.40	mg/L	20	07/21/21 22:14	AP	E353.2
Nitrogen Tot Kjeldahl	5.02	0.20	mg/L	2	07/30/21	KDB	E351.1
Total Nitrogen	21.2	0.10	mg/L	1	07/30/21	KDB	SM4500NH3/E300.0-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

August 02, 2021

Reviewed and Released by: Rashmi Makol, Project Manager



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QA/QC Report

August 02, 2021

QA/QC Data

SDG I.D.: GCI78837

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 584487 (mg/L),	QC Samp	ole No:	CI78755 (C178837	7)								
Nitrate-N	BRL	0.02	< 0.02	< 0.02	NC	101			100			90 - 110	20
Nitrite-N	BRL	0.01	0.040	0.03	NC	94.0			108			90 - 110	20
QA/QC Batch 585592 (mg/L),	QC Samp	ole No:	CI78793 (CI78837	7)								
Ammonia as Nitrogen	BRL	0.05	0.06	0.06	NC	101			101			90 - 110	20
Nitrogen Tot Kjeldahl	BRL	0.10	0.24	0.23	NC	101			102			85 - 115	20
Comment:													
TKN is reported as Organic Nitr	ogen in the	Blank, L	.CS, DUP a	and MS.									

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director

August 02, 2021

Monday, August 02, 2021

Sample Criteria Exceedances Report GC178837 - BARNHARD

Criteria: None State: MA

RL Analysis SampNo Acode Phoenix Analyte Criteria Units

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

^{***} No Data to Display ***



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Analysis Comments

August 02, 2021 SDG I.D.: GCI78837

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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	CHAIN OF CUSTODY RECORD	East Middle Turnpike, P.O. Box 370, Manchester, CT 06040 Email: info@phoenixlabs.com Fax (860) 645-0823 Client Services (860) 645-8726	SACS	Report to: Keythy (name)	Invoice to: Sammaral			X ?	SAY.	Lox						RI	(Residential)		Direct Exposure	GA Leachability	GB Leachability	GA-GW	
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		PHOENIX Environmental Laboratories, Inc.	Bambard x	247 MAIN 123	2		Client Sample - Information - Identification		Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Soild W=Wipe OIL=Oil B=Bulk L=Liquid X =(Other)	Customer Sample Se		Efthen I W				Accepted by:		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Comments, Special Requirements or Regulations:			
		PHO Environmen	Customer:	•		I	Sampler's	Signature	Matrix Code: DW=Drinking Water (RW=Raw Water SE=: B=Bulk L=Liquid X =	PHOENIX USE ONLY SAMPLE#	+-	<u> </u>				Relinquished by:	1/1/			Comments, Special R			